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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,405	07/08/2001	Imran Sharif	UNIQA-0030	6474

27627 7590 10/21/2004

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EXAMINER

JEAN GILLES, JUDE

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 10/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/901,405

Applicant(s)

SHARIF ET AL.

Examiner

Jude J Jean-Gilles

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>02/03/03</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This office action is responsive to communication filed on 07/08/2001.

Information Disclosure Statement

1. The references listed on the Information Disclosure Statement submitted on 02/03/03 have been considered by the examiner (see attached PTO-1449A).

Claim Objections

2. Claim 7 is objected to because Claim 7 improperly depends on itself. In order to further examine the application, the examiner assumes that claim 7 depends on claim 6 based on the broadest interpretation of the claim. Appropriate correction is required. The above noticed problem is just merely exemplary. Applicant is required to totally check the application for error and correct the same.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

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Claim 1, recites the phrase "the file" in line 23. There is no antecedent basis for this limitation in the claim.

Claim 1, recites the phrase "the email" in line 26. There is no antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-3, and 5-11 are rejected under 35 U.S.C. 102(e) as being unpatentable by Dawson (U.S. 6,252,588 B1).

Regarding claim 1: Dawson teaches a system for exchanging digital content files as email attachments (*column 8, lines 1-8*), comprising:

a system server connected to a communications network and implementing a standard electronic mail protocol for sending and receiving email and digital content email attachments via the communications network (*column 22, lines 13-16; column 20, lines 38-50; fig. 14, items 1431-1435*);

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the system server having storage and retrieval means for a plurality of user interface display screens and digital content files (*column 22, lines 62-64*);

an Internet appliance for receiving a reduced keyset keystroke sequence, a connection with the communications network for establishing a client relationship with the system server (*column 22, lines 62-64*), a browser for accessing user interface display screens via the network connection (*column 1, lines 35-53*), a video/audio converter providing output signals compatible with a standard television receiver for display of accessed user interface display screens (*column 8, lines 51-52*), and hyperlink selection means responsive to the received keystroke sequence for navigating an accessed user interface display screen (*column 12, lines 1-8; column 5, lines 51-52*);

the user interface screens and the reduced keyset keystroke sequence defining a text entry and editing protocol, an email creation and addressing protocol, an email viewing protocol, and an email deletion protocol (*column 28, lines 36-57; fig. 18, item 1809*);

the user interface screens and the reduced keyset keystroke sequence also defining an email attachment selection protocol permitting selection of digital content files for attachment to a user created email (*fig. 2, items 200, 216, 218*);

the system server including means responsive to the email attachment selection protocol and the reduced keyset keystroke sequence for retrieving a selected digital content file, and for encoding the file as a standard email attachment (*fig. 4, items 415-423*);

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the system server including means for establishing a connection via the communications network with a standard email server, and for sending the email and encoded attachment to the email server using the standard email protocols (*column 22, lines 13-16; fig. 14, items 1431-1435*);

the system server including means for establishing a connection via the communications network with the email server for receiving email and encoded attachments, for decoding the attachments, for storing the received email and decoded attachment, and for notifying the Internet appliance that an email and attachment has been received (*column 17, lines 22-67; column 18, lines 1-35*).

Regarding claim 2: Dawson teaches the system of claim 1, further including hand-held reduced keyset means for creating and transmitting the keystroke sequence (*column 30, lines 46-54*).

Regarding claim 3: Dawson teaches the system of claim 2, wherein the hand-held reduced keyset means defines a remote control unit that transmits the keystroke sequence as an infra-red beam, and wherein the Internet appliance is adapted for receiving the infra-red beam (*column 30, lines 46-54*).

Regarding claim 5: Dawson teaches the system of claim 1, further including a standard television receiver connected to receive the converted video/audio output signals for display of user interface display screens, and embedded hyperlinks, including system email protocol display screens, received emails, entered text, screens permitting text editing, digital content file selection, and email recipient address selection and entering (*column 8, lines 34-50*).

Regarding claim 6: Dawson teaches the system of claim 1, wherein the defined email protocols include a user interface display screen and keystroke parsing engine for converting a reduced keyset keystroke sequence to text and displaying the text as the body of a new email (*column 1, lines 39-53*).

Regarding claim 7: Dawson teaches the system of claim 6, wherein the defined email protocols include a user interface display screen and keystroke parsing engine for interpreting a reduced keyset keystroke sequence as editing commands for entered text within the body of the new email and for displaying an editing process (*column 2, lines 18-26; fig. 3 items 309-311*).

Regarding claim 8: Dawson teaches the system of claim 1, wherein the defined email protocols include a user interface display screen and parsing engine permitting a reduced keyset keystroke sequence to access a display of available digital content files, and selecting a digital content file for attachment to a new email (*column 2, lines 18-49; fig. 2, items 216-218; fig. 3, item 304*).

Regarding claim 9: Dawson teaches the system of claim 1, wherein the defined email protocols include a user interface display screen and parsing engine permitting a reduced keyset keystroke sequence to display available email recipient addresses to edit a displayed address, and to enter a new email recipient address (*column 2, lines 31-35*).

Regarding claim 10: Dawson teaches the system of claim 1, wherein the defined email protocols include a user interface display screen and parsing engine permitting a reduced keyset keystroke sequence to select a display of a list of received emails and email attachments (*fig. 2, items 201, 217*).

Regarding claim 11: Dawson teaches the system of claim 10, wherein the defined email protocols include a user interface display screen and parsing engine permitting a reduced keyset keystroke sequence to select and view a received email, and to select and view/listen to email attachments (*column 8, lines 9-15*).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Dawson (U.S. 6,252,588 B1) in view of Chang et al (U.S. 6,598,076 B1).

Regarding claim 4: Dawson teaches all the limitations of the system of claim 2, but fail to disclose a system wherein the hand-held reduced keyset means defines a wireless telephone, and wherein the Internet appliance is adapted for receiving the keystroke sequence from the wireless telephone.

However, Chang et al (*column 3, lines 15-18*) teach a network system wherein, "*devices such as wireless device in the nature of a wireless telephone or a wireless pager or a wireless PDA can be connected*".

It would have been obvious for an ordinary skill in the art at the time of the invention to use the wireless telephone of Chang et al for the hand-held reduced keyset remote control of Dawson *"to send and receive an electronic message"* as stated by Chang et al in lines 20 and 21 of column 3.

Chang et al teach that it is old and well known in the network communications art to get the advantage using a wireless telephone to send keystroke sequences to an Internet appliance. An artisan in the network communications art at the time of the invention would have been motivated to include this device to get the advantage of receiving reduced keystroke sequences in an electronic network.

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Conclusion

8. Any inquiry concerning this communication or earlier communications from examiner should be directed to Jude Jean-Gilles whose telephone number is (703) 305-0269. The examiner can normally be reached on Monday-Thursday and every other Friday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley, can be reached on (703) 308-5221. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-3719.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Jude Jean-Gilles

Patent Examiner

Art Unit 2143

JJG

October 13, 2004

William C. Vaughn, Jr.
Primary Examiner
Art Unit 2143
William C. Vaughn, Jr.